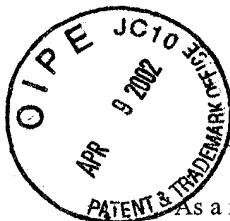


3



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[ ] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Diffuse Large Cell Lymphoma Diagnosis and Outcome Prediction by Expression Analysis

the specification of which (check one)

[ ] is attached hereto.

[X] was filed on November 20, 2001 as United States ApplicationNumber or PCT International Application No. 09/989,758

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Priority Not Claimed</u>	<u>Certified Copy Filed?</u>
<u>YES</u>	<u>NO</u>	
(Number) _____	(Country) _____	(Day/Month/Year filed) _____
[ ]	[ ]	[ ]
(Number) _____	(Country) _____	(Day/Month/Year filed) _____
[ ]	[ ]	[ ]
(Number) _____	(Country) _____	(Day/Month/Year filed) _____
[ ]	[ ]	[ ]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Todd R. Golub

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 65 Waldorf Road

Newton, Massachusetts 02164

Citizenship U.S.A.

Mailing Address Same as above

Full name of second joint

inventor, if any Pablo Tamayo

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 71 Howard Street

Cambridge, Massachusetts 02139

Citizenship Mexico

Mailing Address Same as above

Full name of third joint

inventor, if any Margaret Shipp

Inventor's Signature Margaret Shipp Date 1-8-2002

Residence 3 Middlesex Street

Wellesley, Massachusetts 02482

Citizenship U.S.A.

Mailing Address Same as above

Full name of fourth joint

inventor, if any Eric S. Lander

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 151 Bishop Allen Drive

Cambridge, Massachusetts 02139

Citizenship U.S.A.

Mailing Address Same as above

Full name of fifth joint

inventor, if any Jon C. Aster

Inventor's Signature John C. Aster Date 1-7-2007

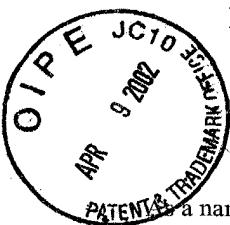
Residence 84 North Street

Lexington, Massachusetts 02420

Citizenship U.S.A.

Mailing Address Same as above

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

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the specification of which (check one)

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and was amended on \_\_\_\_\_ (if applicable).

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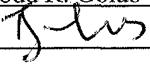
I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Priority Not Claimed</u>	<u>Certified Copy Filed?</u>
	YES	NO
(Number) _____	(Country) _____	(Day/Month/Year filed) _____
[ ]	[ ]	[ ]
(Number) _____	(Country) _____	(Day/Month/Year filed) _____
[ ]	[ ]	[ ]
(Number) _____	(Country) _____	(Day/Month/Year filed) _____
[ ]	[ ]	[ ]

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Full name of sole

or first inventor Todd R. Golub

Inventor's Signature 

Date 1/31/02

Residence 65 Waldorf Road

Newton, Massachusetts 02164 02464

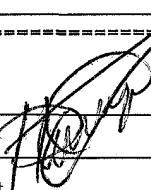
TRG 1/31/02

Citizenship U.S.A.

Mailing Address Same as above

Full name of second joint

inventor, if any Pablo Tamayo

Inventor's Signature 

Date 1/31/2002

Residence 71 Howard Street

193 BOWDISH ST. A4S23

Cambridge, Massachusetts 02139

CAMBRIDGE MA 02142

Citizenship Mexico

U.S.

P.T. 1/31/2002

Mailing Address Same as above

Full name of third joint

inventor, if any Margaret Shipp

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3 Middlesex Street

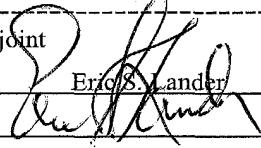
Wellesley, Massachusetts 02482

Citizenship U.S.A.

Mailing Address Same as above

Full name of fourth joint

inventor, if any Eric S. Lander

Inventor's Signature  Date 2/1/02

Residence 151 Bishop Allen Drive

74 & FAYENWEATHER ST.

68

Cambridge, Massachusetts 02139

Citizenship U.S.A.

Mailing Address Same as above

Full name of fifth joint

inventor, if any Jon C. Aster

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 84 North Street

Lexington, Massachusetts 02420

Citizenship U.S.A.

Mailing Address Same as above

=====

## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

U.S. PATENT AND TRADEMARK OFFICE  
APR 9 2002  
POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT AND  
CORRESPONDENCE ADDRESS

Application Number	09/989,758
Filing Date	November 20, 2001
First Named Inventor	Todd R. Golub
Group Art Unit	1636
Examiner Name	Unknown
Attorney Docket Number	2825.2024-002

I/We hereby appoint

the attorneys/agents associated with Customer No. 021005  
 Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

Customer Number 021005  
 Hamilton, Brook, Smith & Reynolds, P.C.  
 530 Virginia Road  
 P.O. Box 9133  
 Concord, Massachusetts 01742-9133

Other \_\_\_\_\_

Please direct all telephone calls and facsimiles to:

Name Lisa M. Treannie, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

Applicant/Inventor.

Authorized representative of the Assignee of the entire Interest. See 37 C.F.R. 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.

Authorized representative of an assignee together with Dana-Farber Cancer Institute, Inc. and The Brigham and Women's Hospital, Inc. of the entire Interest. A separate Statement under 37 C.F.R. § 3.73(b) is enclosed.

## SIGNATURE of Applicant or Assignee of Record

Name	Patricia Granahan, Esq.
Signature	<u>Patricia Granahan</u>
Date	<u>April 13, 2002</u>

Total of 1 form is submitted.

**COPY**

P600-18 Utility  
Docket No. 2825.2024-002

Multi-Sole

ASSIGNMENT

WHEREAS, I, **Todd R. Golub**, together with co-inventors **Pablo Tamayo, Margaret Shipp, Eric S. Lander and Jon C. Aster**, have invented a certain improvement in **Diffuse Large Cell Lymphoma Diagnosis and Outcome Prediction by Expression Analysis**, described in an application for Letters Patent of the United States, the specification of which:

[ ] is being executed on even date herewith and is about to be filed in the United States Patent Office;

[X] was filed on **November 20, 2001** as Application No. **09/989,758**;

[ ] was patented under U.S. Patent No. [ ] on [ ].

WHEREAS, **Whitehead Institute for Biomedical Research**, a corporation organized and existing under the laws of the **State of Delaware** and having a usual place of business at **Nine Cambridge Center, Cambridge, Massachusetts 02142**, and **Dana-Farber Cancer Institute**, Inc., a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **44 Binney Street, Boston, Massachusetts, 02115**, (hereinafter "ASSIGNEES"), desire to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEES for their own use and behalf and for their successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEES for their own name as assignees of the entire right, title and interest therein;

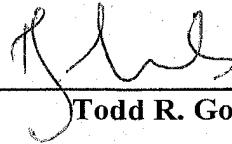
AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEES, their successors, assigns and legal representatives, but at its or their expense and charges, including the

execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEES, their successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

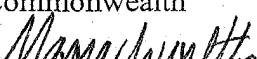
Inventor's Signature:



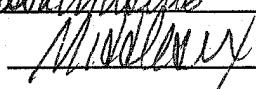
Todd R. Golub

State/Commonwealth

of



County of



Then personally appeared before me the above-named **Todd R. Golub** and acknowledged that he executed the foregoing instrument as his free act and deed this 3/8/02 day of

January, 2002.

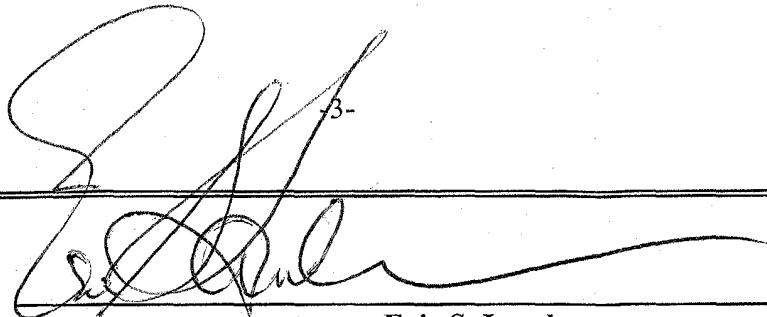
(SEAL)

 Notary Public

 (print name)

My Commission expires 8/4/06

Inventor's Signature:

  
Eric S. Lander

State/Commonwealth

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **Eric S. Lander** and acknowledged that he executed the foregoing instrument as his free act and deed this 1st day of

February, 20 02.

(SEAL)

Kimberly G. Granatino Notary Public

Kimberly G. Granatino (print name)

My Commission expires 8/14/06